

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTION

Inventors: Charles E. Taylor and Shek Fai Lau  
Appl. No.: 10/074,207  
Confirm. No.: 5944  
Filed: February 12, 2002  
Title: ELECTRO-KINETIC AIR TRANSPORTER-CONDITIONER  
DEVICES WITH INTERSTITIAL ELECTRODE

PATENT APPLICATION

Art Unit: 1741  
Examiner: Unassigned

Customer No. 23910

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to **Box Missing Parts, Commissioner for Patents, Art Unit 1741, Washington, DC 20231**, on May 8, 2002.

Sheldon R. Meyer, Reg. No. 27,660  
Signature Date: May 8, 2002

(Attorney Signature)

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Box Missing Parts  
Commissioner for Patents  
Art Unit 1741  
Washington, DC 20231

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

***Enclosed with this statement are the following:***

- ✓ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ✓ A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of documents previously submitted by the applicant in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d)(1), with an information disclosure statement submitted in the parent application which complies with the Sept. 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c). If any of the cited/submitted documents is in a foreign language, a concise explanation

of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

*This statement should be considered because:*

☒ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

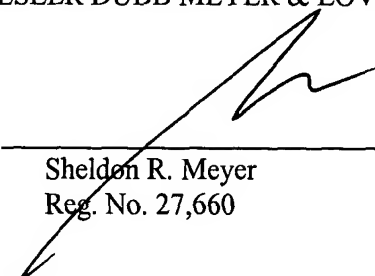
- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;  
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,  
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: May 8, 2002

By:   
Sheldon R. Meyer  
Reg. No. 27,660

FLIESLER DUBB MEYER & LOVEJOY LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone: (415) 362-3800  
Facsimile: (415) 362-2928

MAY 13 2002

Sheet 1 of 3

Form PTO-1449  
(Substitute)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAttorney Docket Number  
SHPR-01041USNSerial/Patent Number  
10/074,207INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant/Patent Owner  
Charles E. Taylor and Shek Fai LauFiling/Issue Date  
February 12, 2002Group Art Unit  
1741

## U.S. PATENTS

| Examiner Initial |     | Patent Number | Issue Date    | First Named Inventor | Class | Subclass | Filing Date   |
|------------------|-----|---------------|---------------|----------------------|-------|----------|---------------|
|                  | 1.  | 2,327,588     | Aug. 24, 1943 | Bennett              | 315   | 326      | Jun. 1, 1940  |
|                  | 2.  | 3,981,695     | Sep. 21, 1976 | Fuchs                | 96    | 77       | Nov. 2, 1973  |
|                  | 3.  | 3,984,215     | Oct. 5, 1976  | Zucker               | 95    | 81       | Jan. 8, 1975  |
|                  | 4.  | 4,227,894     | Oct. 14, 1980 | Proynoff             | 96    | 58       | Oct. 10, 1978 |
|                  | 5.  | 4,477,263     | Oct. 16, 1984 | Shaver et al.        | 95    | 7        | Jun. 28, 1982 |
|                  | 6.  | 4,496,375     | Jan. 29, 1985 | Le Vantine           | 96    | 66       | Jun. 14, 1983 |
|                  | 7.  | 4,643,745     | Feb. 17, 1987 | Sakakibara et al.    | 96    | 76       | Dec. 17, 1984 |
|                  | 8.  | 4,713,724     | Dec. 15, 1987 | Voelkel              | 361   | 231      | Jun. 30, 1986 |
|                  | 9.  | 4,789,801     | Dec. 6, 1988  | Lee                  | 310   | 308      | Apr. 3, 1987  |
|                  | 10. | 4,811,159     | Mar. 7, 1989  | Foster, Jr.          | 361   | 231      | Mar. 1, 1988  |
|                  | 11. | 4,941,068     | Jul. 10, 1990 | Hofmann              | 361   | 231      | Aug. 1, 1988  |
|                  | 12. | 5,024,685     | Jun. 18, 1991 | Torok et al.         | 96    | 43       | Jun. 30, 1988 |
|                  | 13. | 5,141,529     | Aug. 25, 1992 | Oakley et al.        | 95    | 57       | Jun. 28, 1990 |
|                  | 14. | 5,215,558     | Jun. 1, 1993  | Moon                 | 96    | 62       | Jun. 11, 1991 |
|                  | 15. | 5,316,741     | May 31, 1994  | Sewell et al.        | 422   | 186.21   | May 30, 1991  |
|                  | 16. | 5,484,472     | Jan. 16, 1996 | Weinberg             | 96    | 26       | Feb. 6, 1995  |
|                  | 17. | 5,535,089     | Jul. 9, 1996  | Ford et al.          | 361   | 231      | Oct. 17, 1994 |
|                  | 18. | 5,601,636     | Feb. 11, 1997 | Glucksman            | 96    | 63       | May 30, 1995  |
|                  | 19. | 5,656,063     | Aug. 12, 1997 | Hsu                  | 95    | 58       | Jan. 29, 1996 |
|                  | 20. | 5,702,507     | Dec. 30, 1997 | Wang                 | 96    | 55       | Sep. 17, 1996 |
|                  | 21. | 5,779,769     | Jul. 14, 1998 | Jiang                | 96    | 55       | Oct. 24, 1995 |
|                  | 22. | 5,911,957     | Jun. 15, 1999 | Khatchatrian et al.  | 422   | 186.07   | Oct. 23, 1997 |



## U.S. PATENTS

| Examiner Initial | Patent Number | Issue Date    | First Named Inventor | Class | Subclass | Filing Date   |
|------------------|---------------|---------------|----------------------|-------|----------|---------------|
|                  | 23. 5,975,090 | Nov. 2, 1999  | Taylor et al.        | 132   | 116      | Sep. 29, 1998 |
|                  | 24. 6,126,722 | Oct. 3, 2000  | Mitchell et al.      | 95    | 57       | Jul. 28, 1998 |
|                  | 25. 6,152,146 | Nov. 28, 2000 | Taylor et al.        | 132   | 116      | Jun. 25, 1999 |
|                  | 26. 6,163,098 | Dec. 19, 2000 | Taylor et al.        | 310   | 308      | Jan. 14, 1999 |
|                  | 27. 6,176,977 | Jan. 23, 2001 | Taylor et al.        | 204   | 176      | Nov. 5, 1998  |
|                  | 28. 6,182,671 | Feb. 6, 2001  | Taylor et al.        | 132   | 116      | Oct. 8, 1999  |

## U.S. PATENT PUBLICATIONS

| Examiner Initial | Patent Application Publication Number | Publication Date | Applicant |
|------------------|---------------------------------------|------------------|-----------|
|                  |                                       |                  |           |

## PENDING U.S. PATENT APPLICATIONS

| Examiner Initial | Application Number | Filing Date   | First Named Inventor  | Petition to Expunge?<br>Yes   No |
|------------------|--------------------|---------------|-----------------------|----------------------------------|
|                  | 29. 09/197,131     | Nov. 20, 1998 | Taylor et al.         | X                                |
|                  | 30. 10/023,197     | Dec. 13, 2001 | Taylor et al.         | X                                |
|                  | 31. 10/023,460     | Dec. 13, 2001 | Taylor et al.         | X                                |
|                  | 32. 10/074,209     | Feb. 12, 2002 | Taylor et al.         | X                                |
|                  | 33. 10/074,207     | Feb. 12, 2002 | Taylor et al.         | X                                |
|                  | 34. 10/074,208     | Feb. 12, 2002 | Taylor                | X                                |
|                  | 35. 10/074,339     | Feb. 12, 2002 | Taylor et al.         | X                                |
|                  | 36. 10/074,827     | Feb. 12, 2002 | McKinney, Jr., et al. | X                                |
|                  | 37. 10/074,549     | Feb. 12, 2002 | Sinaiko et al.        | X                                |
|                  | 38. 10/074,103     | Feb. 12, 2002 | Sinaiko et al.        | X                                |
|                  | 39. 10/074,096     | Feb. 12, 2002 | Taylor et al.         | X                                |
|                  | 40. 10/074,347     | Feb. 12, 2002 | Taylor et al.         | X                                |
|                  | 41. 10/074,379     | Feb. 12, 2002 | Taylor et al.         | X                                |



## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initial |  | Document Number | Publication<br>Date | Country | Class | Subclass | Trans-<br>lation |    |
|---------------------|--|-----------------|---------------------|---------|-------|----------|------------------|----|
|                     |  |                 |                     |         |       |          | Yes              | No |
|                     |  |                 |                     |         |       |          |                  |    |

## OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

|  |     |  |
|--|-----|--|
|  | 42. | "Zenion Elf Device", drawing, prior art, 1 page.   |
|  | 43. | Electrical Schematic and promotional material available from Zenion Industries, 7 pages, August 1990.        |
|  | 44. | Promotional material available from Zenion Industries for the Plasma-Pure 100/200/300, 2 pages, August 1990. |
|  | 45. | Promotional material available from Zenion Industries for the Plasma-Tron, 2 pages, August 1990.             |

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*1 = Copy not submitted because it was submitted in prior application SN    /   , filed   , 20  , relied on under 35 USC §120.

\*2 = Copy not submitted because it was submitted in prior application SN    /   , filed   , 20  , relied on under 35 USC §120.